

Binks AA4400A is ideally suited for medium to high production multi-gun spray finishing lines.

Binks AA4400A combines the best features of HVLP and Air Assisted Airless atomisation to provide a finely atomised “soft spray” to produce the very best spray finish with the highest possible transfer efficiencies, resulting in significant paint savings and compliance with the toughest EPA regulations.

AA4400A is a highly sophisticated automatic AAA gun that can be detached from its mounting block in a few seconds via the simple hexagonal key release mechanism, for fast and easy maintenance and serviceability. This unique feature from Binks dramatically reduces production downtime.

Binks AA4400A is ideally suited for multi-gun finishing equipment such as rotary machines, reciprocators, robots, fixed and chain-on-edge type systems located in medium to high production environments.

Typical industrial applications

- Rotary finishing machines
- Reciprocators – vertical and horizontal
- Robot applicators
- Most types of Automatic spray machines

Suitable for these materials

- Solvent & Water based Materials including UV
- Stains, varnishes & lacquers
- Inks & dyes
- Sealers & undercoats
- Most types of Paints

Whatever the Substrate you're spraying – Wood, Leather, Metal, Plastic or any other material AA4400A by BINKS© is the Automatic Spray Gun to choose.



AA4400A
by **BINKS**

Air Assisted Airless HVLP Automatic spray Gun

- “Quick detach” head from base for reduced downtime
- Unique air cap design produces “softer fine spray” for superior finishes
- Air cap has optional 15° indexing for precision finishing
 - Adjustable “on gun” fan pattern controls
 - St St gun head and fluid passages
 - Fluid filter in gun head
 - Manual or remote gun controls
 - Tungsten carbide needle and seat
- Paint re-circ option in head or base plate

AA4400A

by **BINKS**

The Best Atomisation and Paint Savings

The unique tip and air cap design of the Binks AA4400A automatic Air Assisted Airless HVLP Spray Gun uses lower fluid and air pressure than competitors guns to achieve exceptionally fine finishes with superior paint savings and lower energy consumption.

AA4400A is equipped with the AA10HP Air Cap.

Part No	Description
54-5345	AA10HP HVLP air cap with fan adjustment

PART NUMBER – Examples:-

AA44-10 = AA4400A gun assembly, manual gun controls, AA10 cap, no tip – no recirculation

AA44U-10 = AA4400A gun assembly, manual gun controls, AA10 cap, no tip – base recirculation

AA44H-10 = AA4400A gun assembly, manual gun controls, AA10 cap, no tip – head recirculation

XXX-XX-P = AA4400A gun as above, "P" suffix indicates – plugged no manual controls no tip

XXX-XX-G = AA4400A gun head only no base no tip

Optional AA4400A automatic machine mounting brackets are available.



The gun controls and connections on the AA4400A are easy to use and provide excellent adjustment.

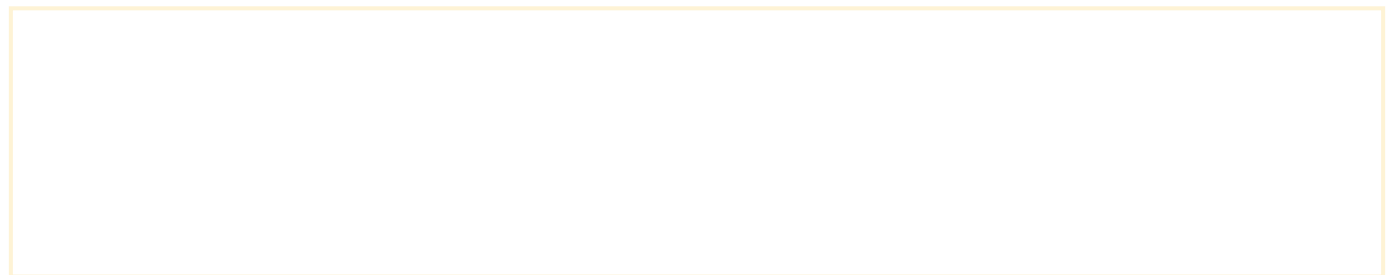


IMPORTANT: The table below lists the entire AA4400A tip range. **For further technical features and benefits please see the AA4400A Service Bulletin.**

Fan Width (inches/mm)	2 / 51	4 / 102	6 / 152	8 / 203	10 / 254	12 / 305	14 / 356	16 / 406	18 / 457
Size (inches/mm)	Premium tip range : Part No. 114-XXXXX								
.007/0.18	00702	00704	00706	00708	-	-	-	-	-
.009/0.23	00902	00904	00906	00908	00910	00912	-	-	-
.011/0.28	-	01104	01106	01108	01110	01112	01114	-	-
.013/0.33	-	01304	01306	01308	01310	01312	01314	01316	-
.015/0.38	-	-	01506	01508	01510	01512	01514	01516	01518
.017/0.43	-	-	01706	01708	01710	01712	01714	01716	01718
.019/0.48	-	-	01906	01908	01910	01912	01914	01916	01918
.021/0.53	-	-	-	-	02110	02112	02114	02116	02118
.024/0.61	-	-	-	-	02410	02412	02414	02416	02418
.027/0.69	-	-	-	-	02710	02712	02714	02716	02718

	Thread	Pressure
Fluid inlet (1) & fluid recirculation (2)	1/4 NPS Male	Max 276 Bar / 4000 psi
Air inlet Atomising + Fan	1/4 BSP Female	Max 10 Bar / 145 psi
Cylinder/trigger (Cyl)	M5 Female	3 to 10 Bar / 45 to 145 psi
Maximum temperature in use	85° C / 185° F	
Spray gun weight	Complete gun assy 989 gm	Gun head 558 gm
Gun body	Aluminium hard anodized	Gun base assy 431 gm
Fluid passageway/Tip / Needle / Spray head/ Base plate	Stainless steel 303 / 17-4 / Tungsten Carbide	
Fluid seals	Viton Extreme, PTFE & Nylon	
Air Flow AA10 Air Cap	5.1 Scfm (144 L/min) at 10 psi (0.69 Bar) Cap pressure	
Gun Filter size	150 micron, 100 mesh, 0.006"	

The AA4400A complies with ATEX regulations 94/9/EC, protection level II 2 G X T6 suitable to use in Zones 1 & 2.



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